

FIG. 1

FIG. 2B

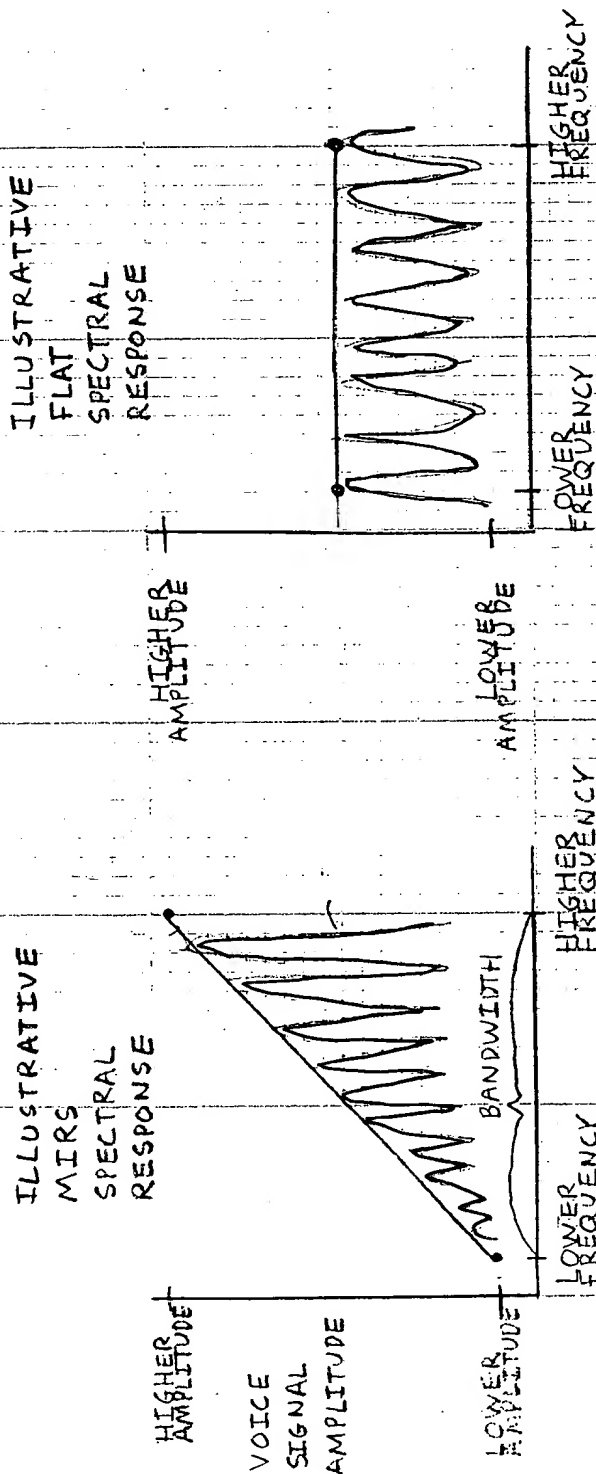
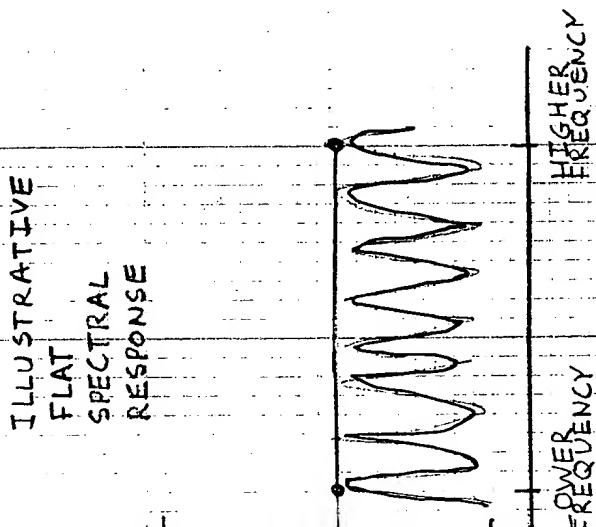


FIG. 2B



Input
for Digital
Speech Signal

132

118

FILTERING MODULE

SPECTRAL
DETECTOR

BUFFER
MEMORY

AVERAGING
UNIT

REFERENCE
PARAMETER
DATABASE

158

EVALUATOR

162

160

SPEECH
DATA

SELECTOR

FIRST
FILTER

166

SECOND
FILTER

168

SELECTION
CONTROL DATA

FLATNESS OR SLOPE
INDICATOR

SPEECH PARAMETER
DATA
(E.G., SPECTRAL
CHARACTERISTICS)

PARAMETER
EXTRACTOR

ENCODER

221

FIG. 3

FIG. 4A

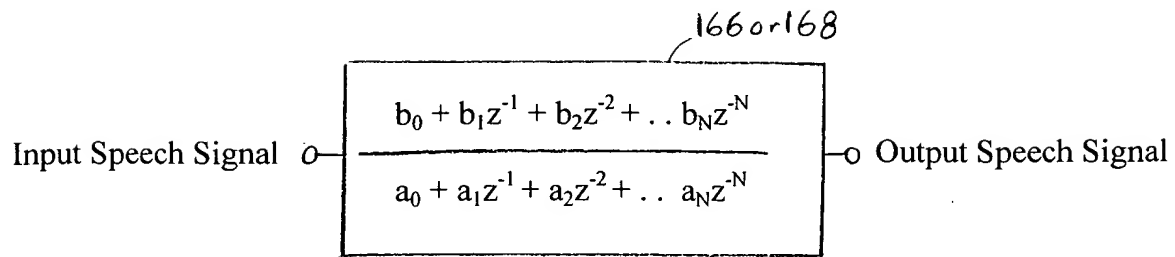


FIG. 4B

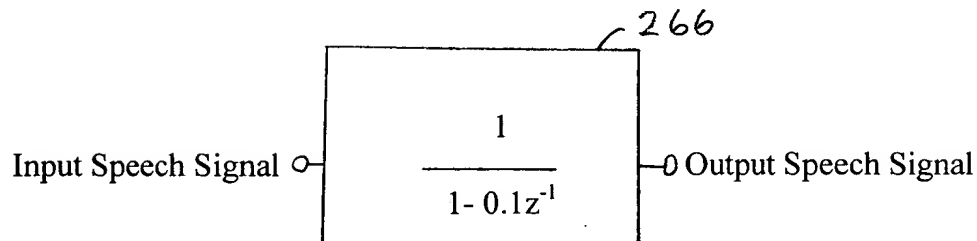


FIG. 4C

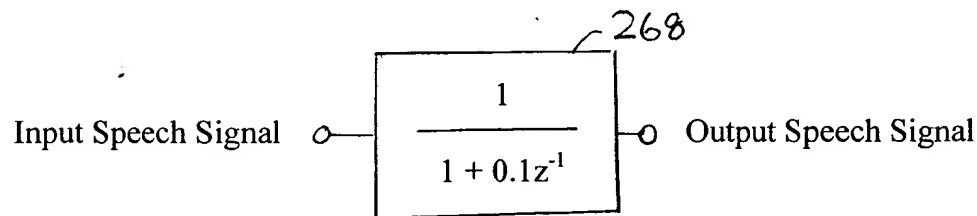


FIG. 4A

FIG. 5

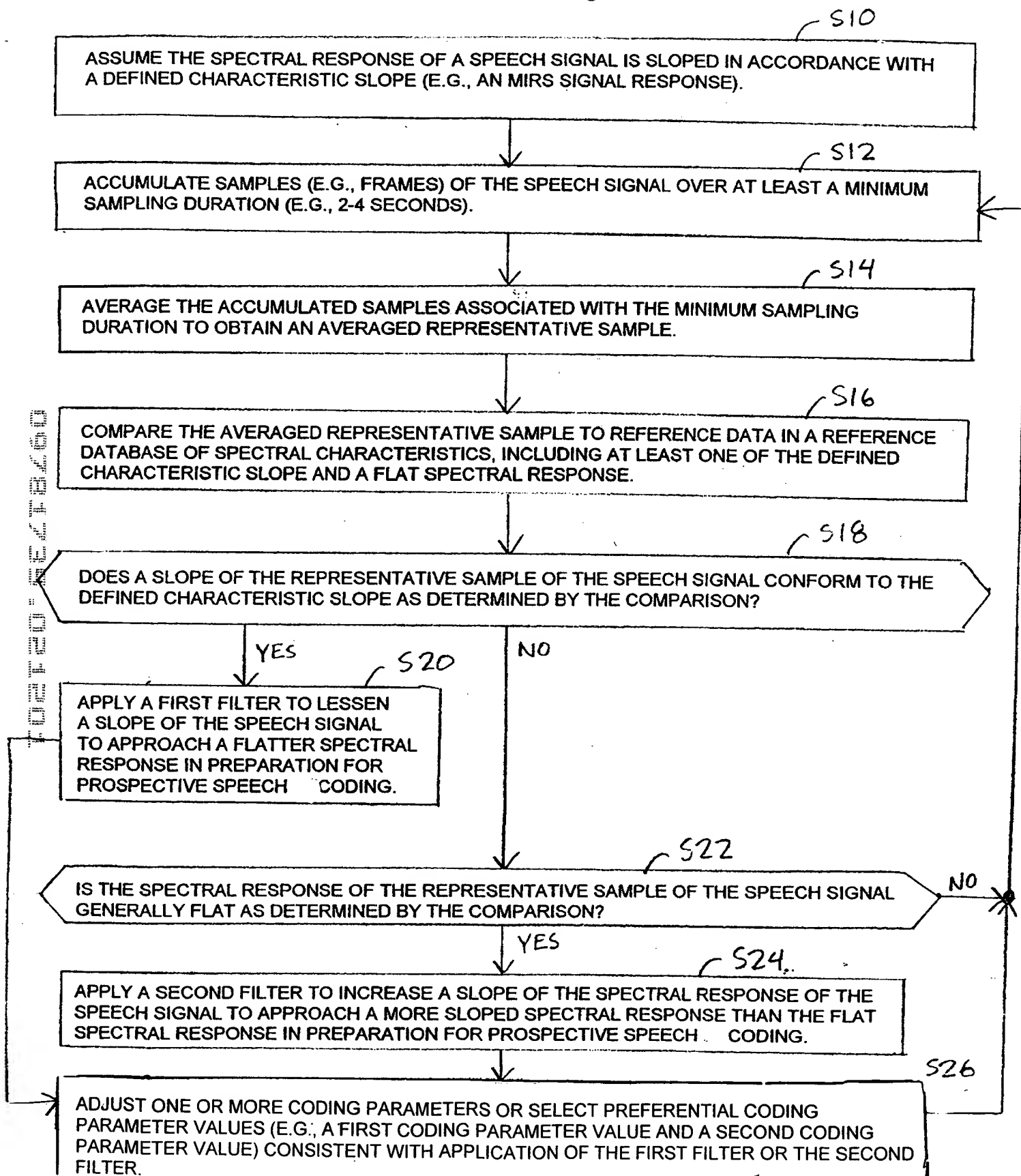


FIG. 6

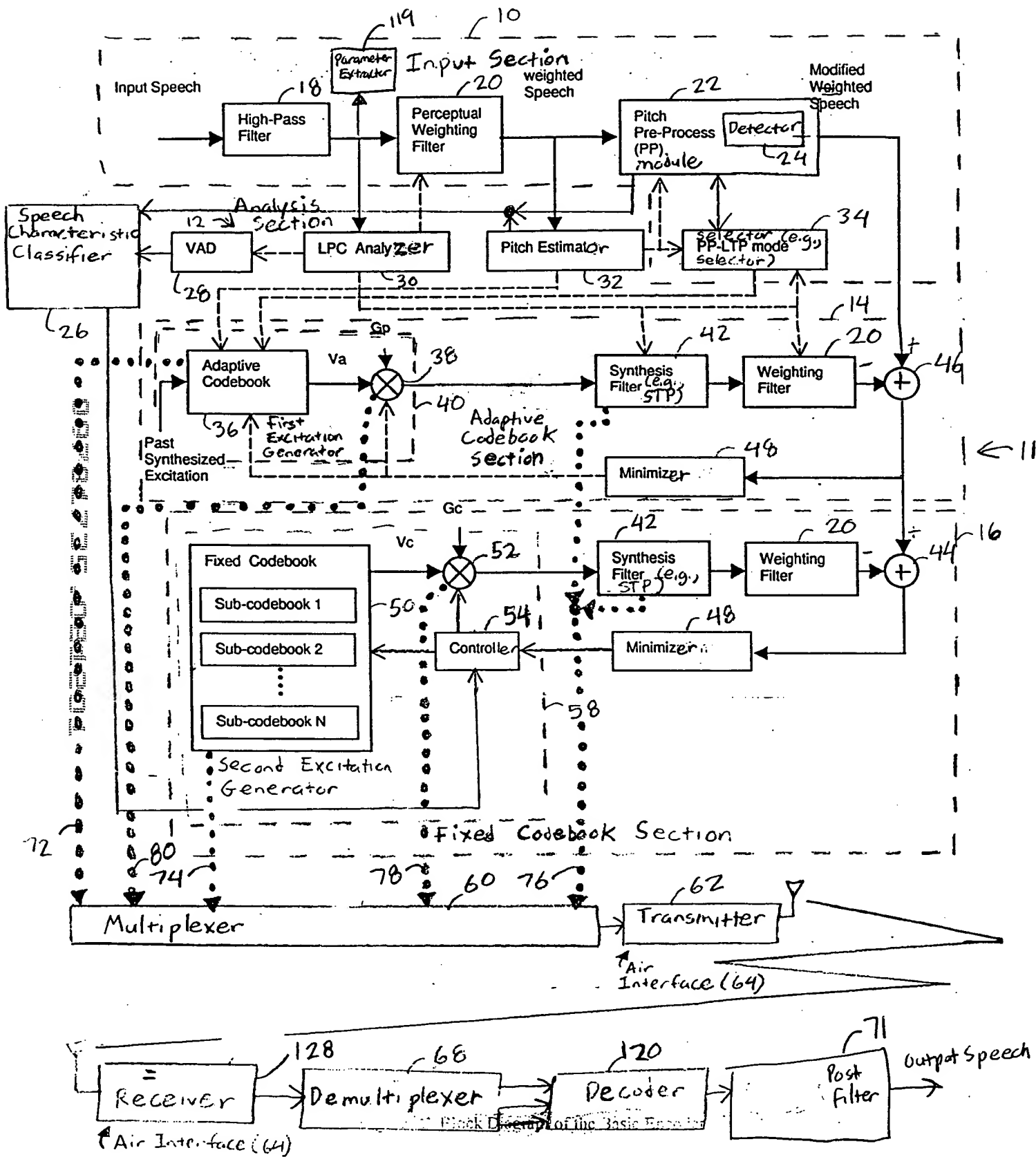


FIG. 7

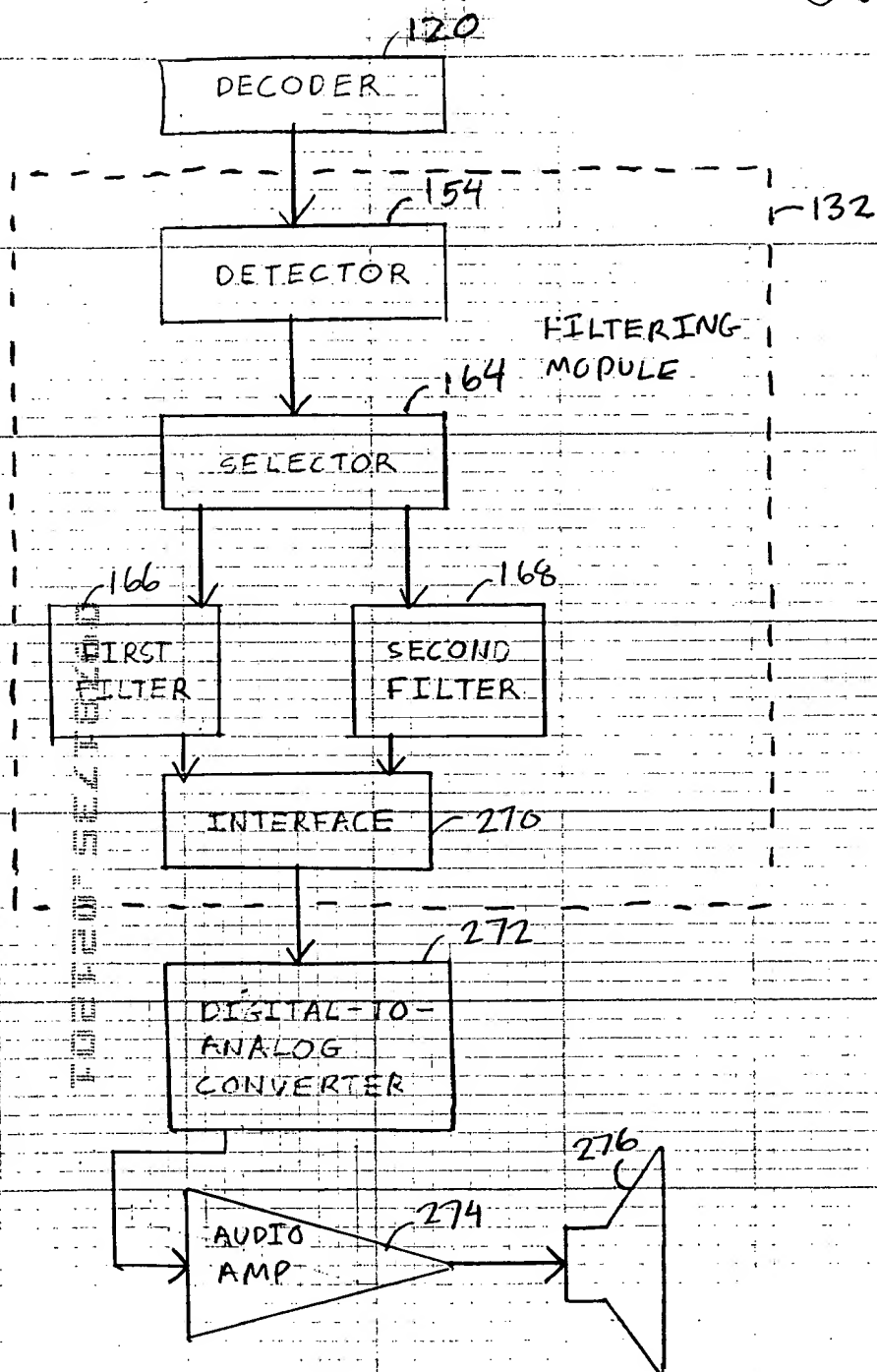


FIG. 8

